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February 25, 2004

CERTIFICATE OF MAILING 37 C.F.R 1.8

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: MS DD, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below:

February 25, 2004

Date

Michael C. Barrett

MS DD

Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

RE: *U.S. Patent Application No. 10/693,656 entitled "AN ASSOCIATIVE ANALYSIS OF GENE EXPRESSION ARRAY DATA" – Igor Dozmorov and Michael Centola*
Our reference: OMRF:013US
Client reference: 2002-001-002

Sir:

Enclosed for filing in the above-referenced patent application is an Information Disclosure Statement, Form PTO-1449, and references C1-C15.

No fees are believed to be due in connection with the filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to the enclosed materials, the Commissioner is authorized to deduct the appropriate fees from Fulbright & Jaworski Deposit Account No.: 50-1212/OMRF:013US.

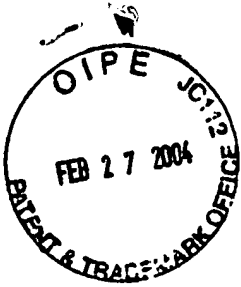
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Respectfully submitted,

Michael C. Barrett

Reg. No. 44,523

MCB/kmv
Encl.: as noted



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Igor Dozmorov
Michael Centola

Serial No.: 10/693,656

Filed: October 24, 2003

For: AN ASSOCIATIVE ANALYSIS OF GENE
EXPRESSION ARRAY DATA

Group Art Unit: Unknown

Examiner: Unknown

Atty. Dkt. No.: OMRF:013US

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Michael C. Barrett
Michael C. Barrett

INFORMATION DISCLOSURE STATEMENT

MS DD

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

In accordance with 37 C.F.R §§ 1.97(g), (h), this Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be construed to be

an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

The present Information Disclosure Statement is being filed prior to the receipt of a first Official Action reflecting an examination on the merits, and hence is believed to be timely filed in accordance with 37 C.F.R § 1.97(b). No fees are believed to be due in connection with the filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to these materials, the Commissioner is authorized to deduct the appropriate fees from Fulbright & Jaworski Deposit Account No.: 50-1212/OMRF:013US.

Applicants respectfully request that the listed documents be made of record in the present case.

Respectfully submitted,



Michael C. Barrett
Reg. No. 44,523
Attorney for Applicants

FULBRIGHT & JAWORSKI L.L.P.
600 Congress Avenue, Suite 2400
Austin, Texas 78701
(512) 474-5201

Date: February 25, 2004

Form PTO-1449 (modified)

Atty. Docket No.

Serial No.

OMRF:013US

10/693,656

List of Patents and Publications for Applicant's

Applicant

Igor Dozmorov

Michael Centola

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Filing Date:

October 24, 2003

Group:

Unknown

U.S. Patent Documents

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Foreign Patent Documents

See Page 1

Other Art

See Page 1

U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C1	Clontech Atlas CDNA expression arrays user manual. PT3140-1, October 2000.
	C2	Dozmorov <i>et al.</i> , "Array-based expression analysis of mouse liver genes: effect of age and of the longevity mutant Prop1df," <i>J. Gerontol.</i> , 56A(2): B72-B80, 2001.
	C3	Dozmorov <i>et al.</i> , "Gene expression profile of long-lived Snell dwarf mice," <i>J. Gerontol.</i> , 57A(3): B1-B10, 2002.
	C4	Glynn <i>et al.</i> , "Genomic-scale gene expression analysis of lymphocyte growth, tolerance and malignancy," <i>Curr. Opin. Immunol.</i> , 12(2):210-214, 2000.
	C5	Kerr <i>et al.</i> , "Analysis of variance for gene expression microarray data," <i>J. Comput. Biol.</i> , 7(6):819-837, 2000.
	C6	Khan <i>et al.</i> , "Classification and diagnostic prediction of cancers using gene expression profiling and artificial neural networks," <i>Nature Med.</i> , 7(6):673-679, 2001.
	C7	Lee <i>et al.</i> , "Importance of replication in microarray gene expression studies: statistical methods and evidence from repetitive cDNA hybridizations," <i>Proc. Natl. Acad. Sci., USA</i> , 97(18):9834-9839, 2000.
	C8	Miller <i>et al.</i> , "Interpretation, design and analysis of gene array expression experiments," <i>J. Gerontol.</i> , 56A(2): B52-B57, 2001.
	C9	Newton <i>et al.</i> , "On differential variability of expression ratios: improving statistical inference about gene expression changes from microarray data," <i>J. Comput. Biol.</i> , 8(1):37-52, 2001.

25373510.1

EXAMINER:

DATE CONSIDERED:

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

Form PTO-1449 (modified)

Atty. Docket No.

Serial No.

OMRF:013US

10/693,656

List of Patents and Publications for Applicant's

Applicant

Igor Dozmorov

Michael Centola

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(Use several sheets if necessary)

U.S. Patent Documents

See Page 1

Foreign Patent Documents

See Page 1

Other Art

See Page 1

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C10	Pfaffle <i>et al.</i> , "Combined pituitary hormone deficiency: role of Pit-1 and Prop-1," <i>Acta Paediatr. Suppl.</i> , 433(88):33-41, 1999.
	C11	Rock and Durbin, "A model for measurement error for gene expression analysis," <i>J. Comput. Biol.</i> , 8(6):557-569, 2001.
	C12	Wittes and Friedman, "Searching for evidence of altered gene expression: a comment on statistical analysis of microarray data," <i>J. Nat. Cancer Inst.</i> , 91(5):400-401, 1999.
	C13	Wu, "Analyzing gene expression data from DNA microarrays to identify candidate genes," <i>J. Pathol.</i> , 195(1):53-65, 2001.
	C14	Yang <i>et al.</i> , "A statistical method for flagging weak spots improves normalization and ratio estimates in microarrays," <i>Physiol. Genomics</i> , 7(1):45-53, 2001.
	C15	Zien <i>et al.</i> , "Centralization: a new method for the normalization of gene expression data," <i>Bioinformatics</i> , 17(supp 1):1-9, 2001.

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INFORMATION DISCLOSURE STATEMENT — PTO-1449 (MODIFIED)

